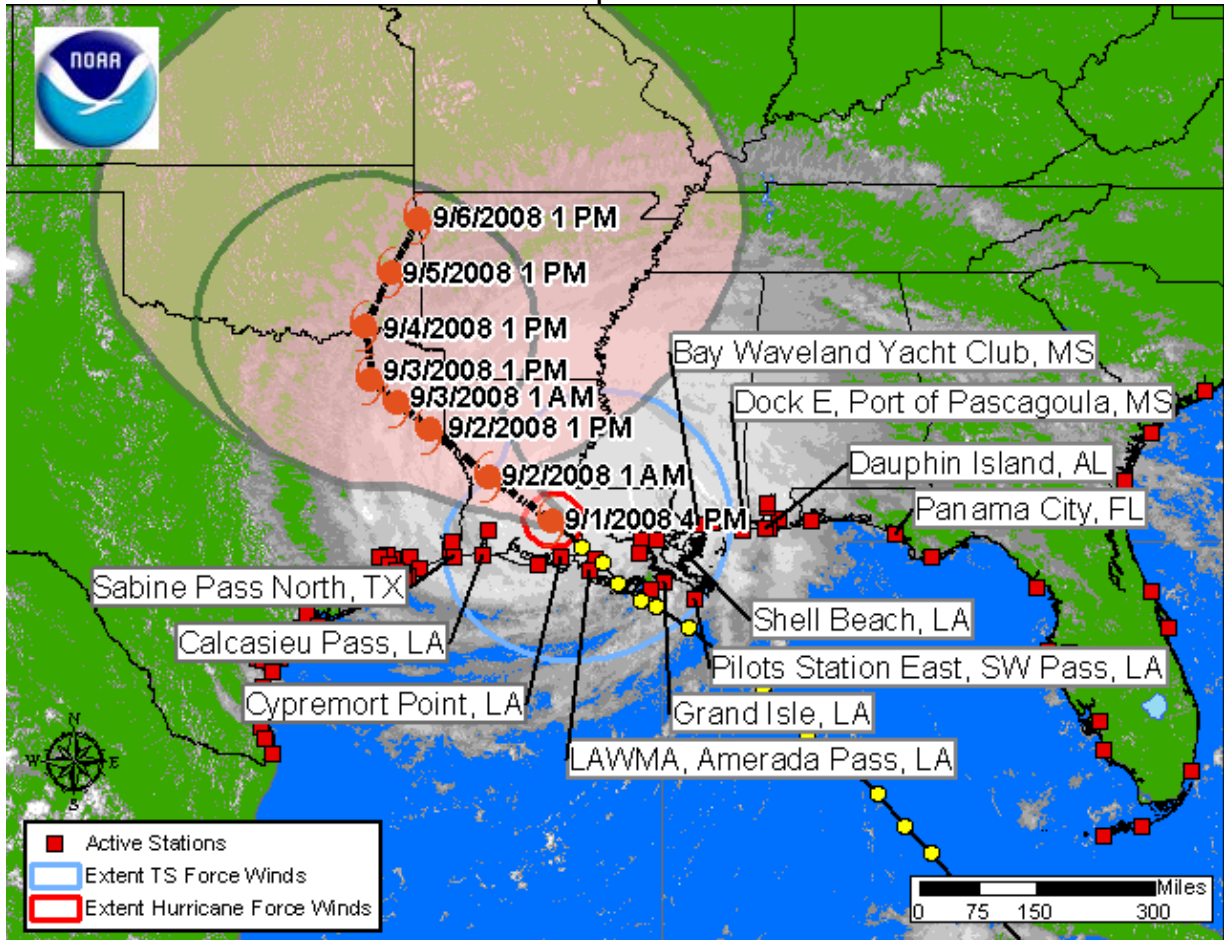




Hurricane GUSTAV QuickLook
Posted: 18:00 CDT 09/01/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/01/2008 18:00 CDT, water levels along the northern Gulf Coast from Panama City, FL to Grand Isle, LA are falling; however, they are 2-6 feet above predicted. Water levels are rising at LAWMA, Amerada Pass, LA and up to 2 feet above predicted. Along the Gulf Coast from Cypremort Point, LA westward to Sabine Pass North, TX, water levels are below predicted. Winds are still strong along the coasts of Alabama, Louisiana and Mississippi with gusts up to 50 mph measured at Pilots Station East, SW Pass, LA.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Grand Isle, LA: Next predicted high tide is 0.94 ft (0.29 m) at 09/02/2008 00:21 CDT.

Shell Beach, LA: Next predicted high tide is 0.70 ft (0.21 m) at 09/01/2008 20:29 CDT.

Pilots Station East, SW Pass, LA: Next predicted high tide is 1.00 ft (0.31 m) at 09/01/2008 22:53 CDT.

Bay Waveland Yacht Club, MS: Next predicted high tide is 1.30 ft (0.40 m) at 09/02/2008 02:00 CDT.

Dock E, Port of Pascagoula, MS: Next predicted high tide is 1.1 ft (0.34 m) at 09/02/2008 00:32 CDT.

Dauphin Island, AL: Next predicted high tide is 1.01 ft (0.31 m) at 09/02/2008 00:09 CDT.

Panama City, FL: Next predicted high tide is 1.25 ft (0.38 m) at 09/01/2008 20:57 CDT.

LAWMA, Amerada Pass, LA: Next predicted high tide is 1.18 ft (0.36 m) at 09/02/2008 06:06 CDT.

Cypremore Point, LA: Next predicted high tide is 1.31 ft (0.40 m) at 09/01/2008 20:00 CDT.

Calcasieu Pass, LA: Next predicted high tide is 1.90 ft (0.58 m) at 09/02/2008 04:18 CDT.

Sabine Pass North, TX: Next predicted high tide is 1.60 ft (0.49 m) at 09/02/2008 05:39 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: KG

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

**HURRICANE GUSTAV FORECAST/ADVISORY NUMBER 33
NWS TPC/NATIONAL HURRICANE CENTER MIAMI FL
2100 UTC MON SEP 01 2008**

AT 4 PM CDT...2100 UTC...THE HURRICANE WARNING IS CHANGED TO A TROPICAL STORM WARNING FROM CAMERON LOUISIANA WESTWARD. A HURRICANE WARNING REMAINS IN EFFECT FROM JUST EAST OF CAMERON LOUISIANA EASTWARD TO THE MISSISSIPPI-ALABAMA BORDER INCLUDING THE CITY OF NEW ORLEANS AND LAKE PONTCHARTRAIN. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD HAVE BEEN COMPLETED.

A TROPICAL STORM WARNING IS NOW IN EFFECT FROM CAMERON WESTWARD TO JUST EAST OF HIGH ISLAND TEXAS...AND FROM THE MISSISSIPPI-ALABAMA BORDER TO THE FLORIDA-ALABAMA BORDER.

AT 400 PM CDT 2100Z THE CENTER OF HURRICANE GUSTAV WAS LOCATED NEAR OPELOUSAS LOUISIANA. THIS POSITION IS ALSO ABOUT 15 MILES NORTH OF LAFAYETTE LOUISIANA.

GUSTAV IS MOVING TOWARD THE NORTHWEST NEAR 16 MPH AND THIS MOTION IS EXPECTED TO CONTINUE WITH A DECREASE IN FORWARD SPEED DURING THE NEXT COUPLE OF DAYS. THIS MOTION SHOULD BRING THE CENTER OF GUSTAV ACROSS SOUTHERN AND WESTERN LOUISIANA TONIGHT AND INTO EASTERN TEXAS BY TUESDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 80 MPH WITH HIGHER GUSTS. GUSTAV IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. WEAKENING IS FORECAST DURING THE NEXT 24 TO 48 HOURS...WITH GUSTAV FORECAST TO BECOME A TROPICAL STORM TONIGHT OR EARLY TUESDAY AND A TROPICAL DEPRESSION LATE TUESDAY OR WEDNESDAY.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 35 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 200 MILES. BATON ROUGE LOUISIANA RECENTLY REPORTED A WIND GUST OF 82 MPH.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 966 MB.

STORM SURGE FLOODING OF 10 TO 14 FEET ABOVE NORMAL TIDE LEVELS ON THE COASTS OF SOUTHEASTERN LOUISIANA AND MISSISSIPPI WILL BE SLOW TO SUBSIDE TONIGHT AND TUESDAY. ABOVE NORMAL TIDES ELSEWHERE IN THE WARNED AREA SHOULD GRADUALLY SUBSIDE TONIGHT AND TUESDAY.

GUSTAV IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 6 TO 12 INCHES OVER PORTIONS OF LOUISIANA...SOUTHERN AND WESTERN MISSISSIPPI...ARKANSAS...SOUTHERN MISSOURI...SOUTHEAST OKLAHOMA... AND NORTHEASTERN TEXAS...WITH ISOLATED MAXIMUM AMOUNTS OF UP TO 20 INCHES POSSIBLE THROUGH THURSDAY.

A FEW TORNADOES ARE POSSIBLE OVER THE LOWER MISSISSIPPI VALLEY AND THE CENTRAL GULF COAST TONIGHT.

FORECASTER BEVEN

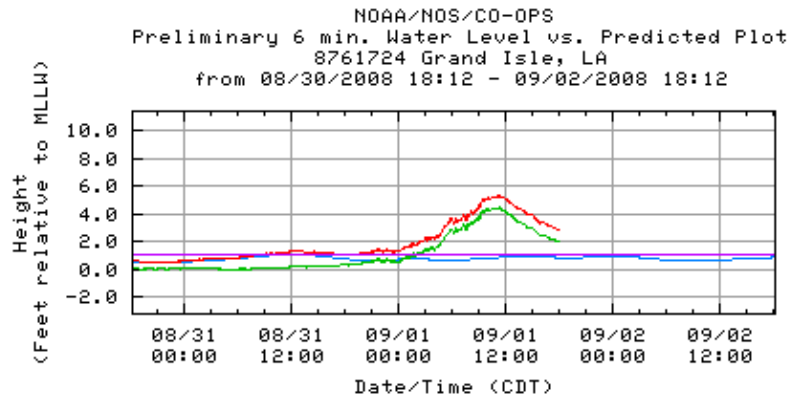
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Grand Isle - Water Level](#), [Grand Isle - Air/Water Temp](#), [Grand Isle - Winds](#), [Grand Isle - Barometric](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Pilots Station East, SW Pass - Water Level](#), [Pilots Station East, SW Pass - Winds](#), [Pilots Station East, SW Pass - Barometric](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Air/Water Temp](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Dock E, Port of Pascagoula - Water Level](#), [Dauphin Island - Water Level](#), [Dauphin Island - Air/Water Temp](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Panama City - Water Level](#), [Panama City - Air/Water Temp](#), [Panama City - Winds](#), [Panama City - Barometric](#), [LAWMA, Amerada Pass - Water Level](#), [LAWMA, Amerada Pass - Air/Water Temp](#), [LAWMA, Amerada Pass - Winds](#), [LAWMA, Amerada Pass - Barometric](#), [Cypremort Point - Water Level](#), [Calcasieu Pass - Water Level](#),

Hurricane GUSTAV QuickLook, POSTED 18:00 CDT 09/01/2008

Calcasieu Pass - Air/Water Temp, Calcasieu Pass - Winds, Calcasieu Pass - Barometric, Sabine Pass North - Water Level, Sabine Pass North - Air/Water Temp, Sabine Pass North - Winds, Sabine Pass North - Barometric,

Grand Isle, LA - Station Map [Return to List](#)

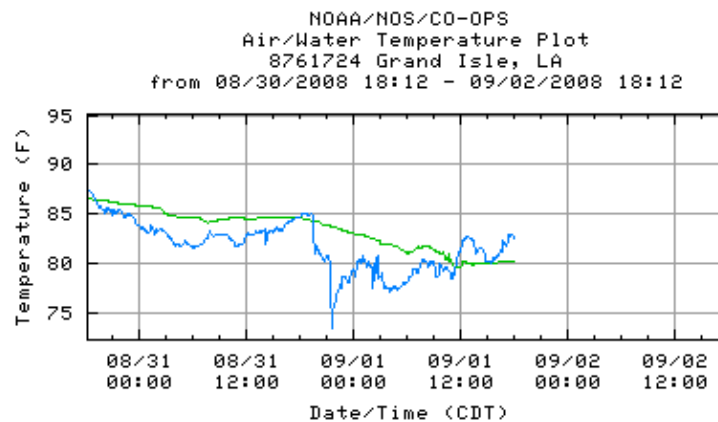


Last Observed Sample: 09/01/2008 18:00 (CDT)

Relative to **MLLW**: **Observed: 2.94 ft. Predicted: 0.87 ft. Residual: 2.07 ft.**

Historical Maximum Water Level: n/a

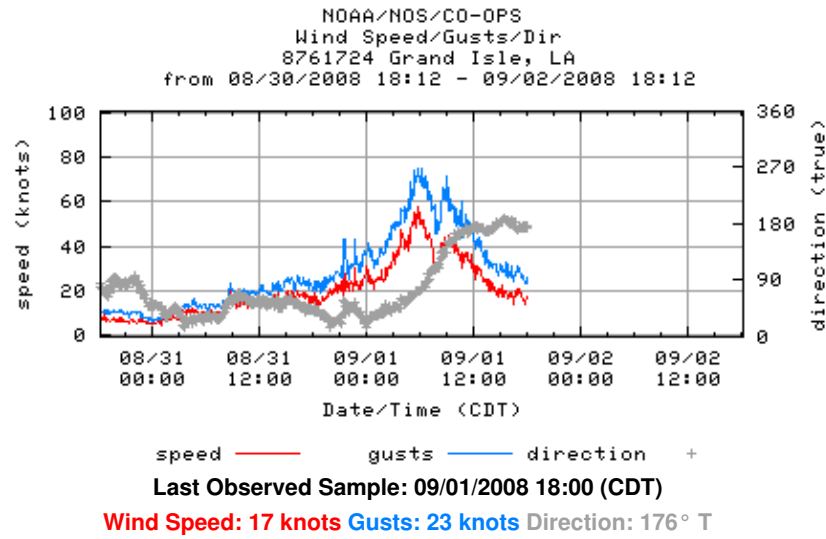
Grand Isle, LA - Station Map [Return to List](#)



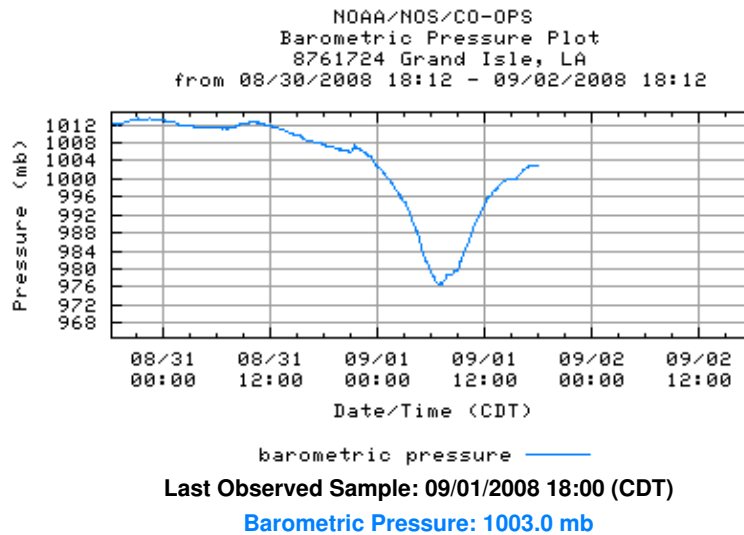
Last Observed Sample: 09/01/2008 18:00 (CDT)

Water Temperature: 80.1° F Air Temperature: 82.4° F

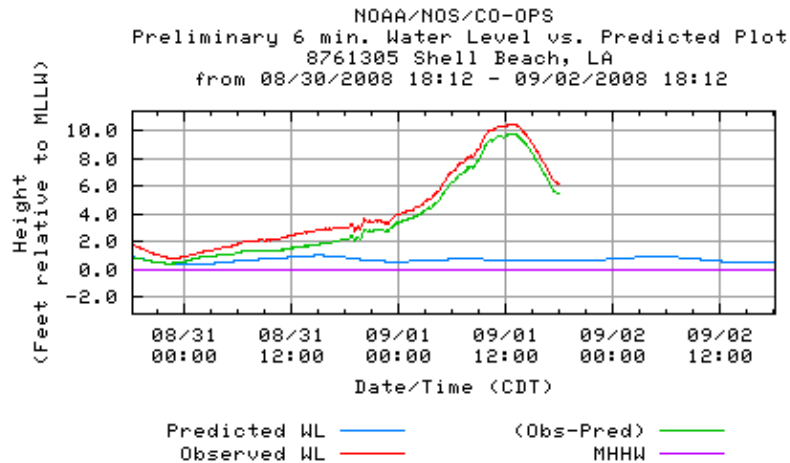
Grand Isle, LA - Station Map [Return to List](#)



Grand Isle, LA - Station Map [Return to List](#)



Shell Beach, LA - Station Map [Return to List](#)

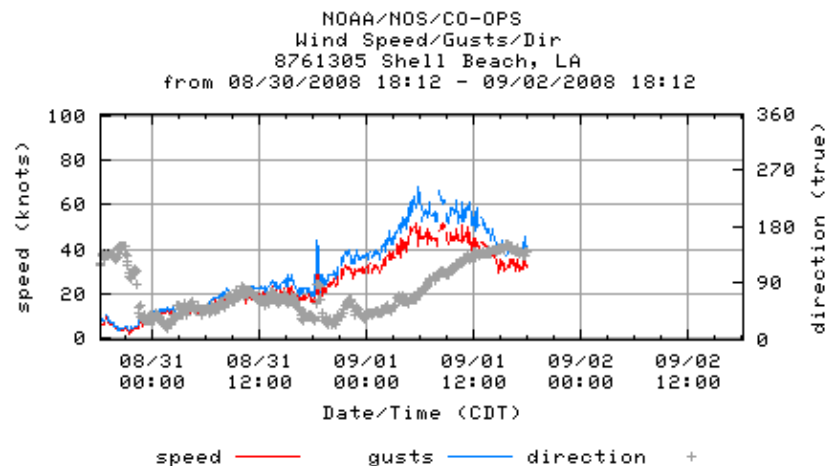


Last Observed Sample: 09/01/2008 18:00 (CDT)

Relative to **MLLW**: **Observed: 6.21 ft. Predicted: 0.70 ft. Residual: 5.51 ft.**

Historical Maximum Water Level: 01/20/1983, 5.69 ft. above **MHHW**

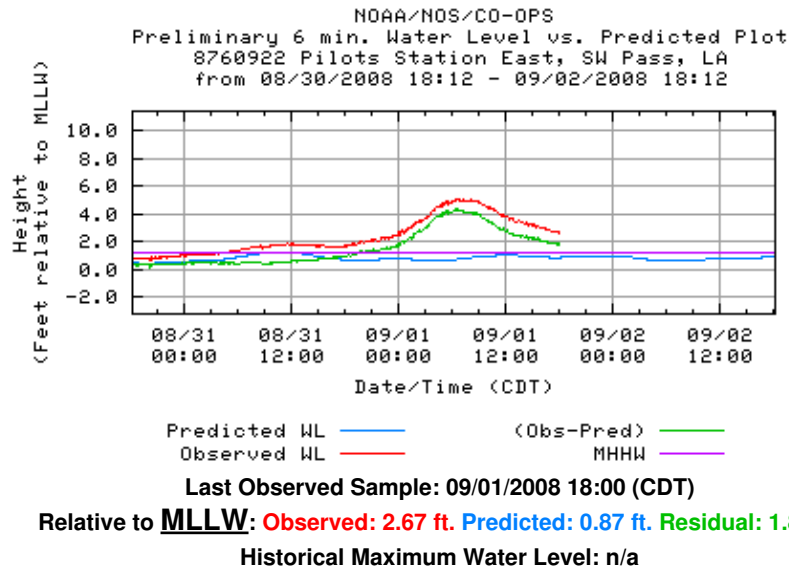
Shell Beach, LA - Station Map [Return to List](#)



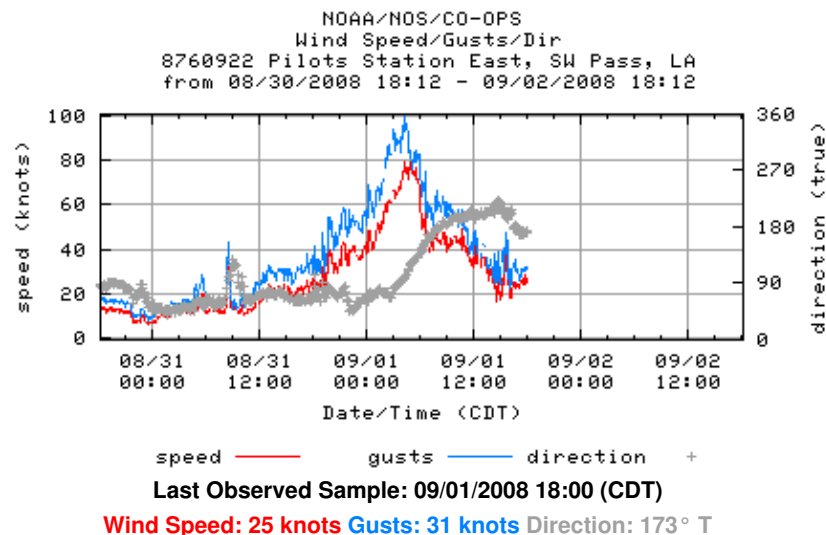
Last Observed Sample: 09/01/2008 18:00 (CDT)

Wind Speed: 33 knots Gusts: 40 knots Direction: 140° T

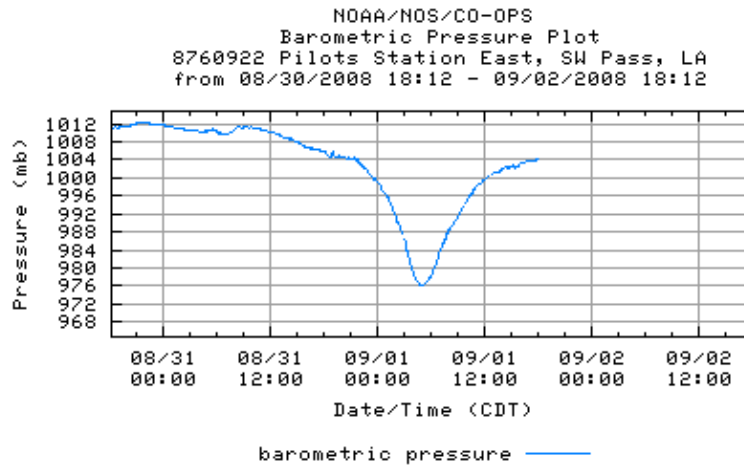
Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



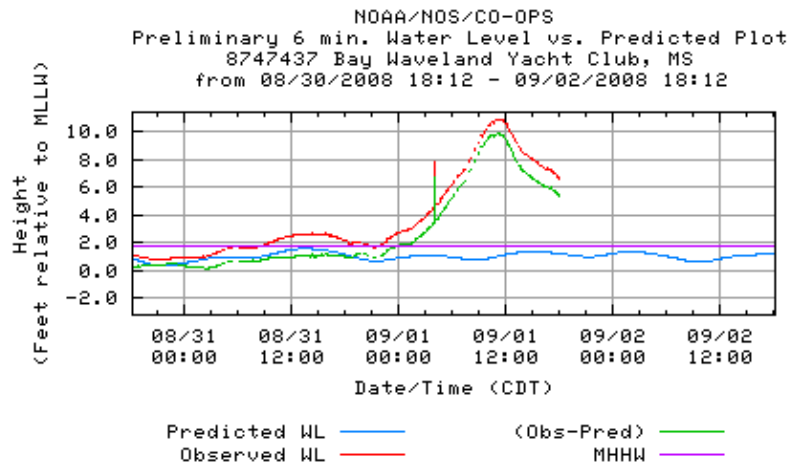
Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



Last Observed Sample: 09/01/2008 18:00 (CDT)

Barometric Pressure: 1004.2 mb

Bay Waveland Yacht Club, MS - Station Map [Return to List](#)

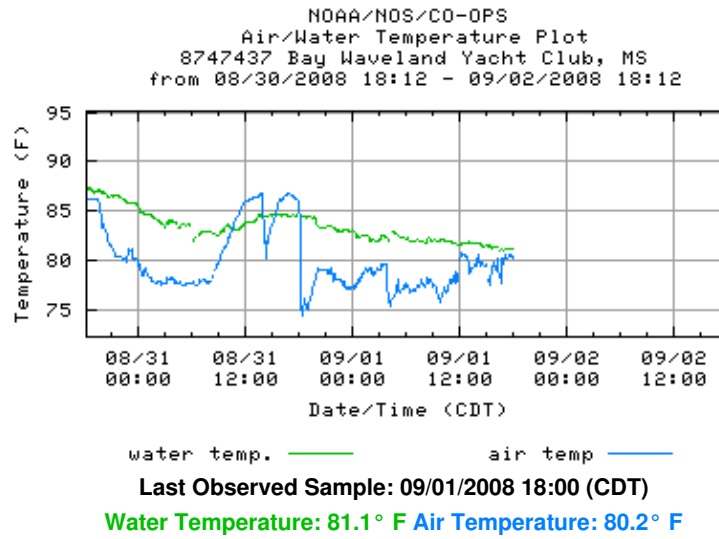


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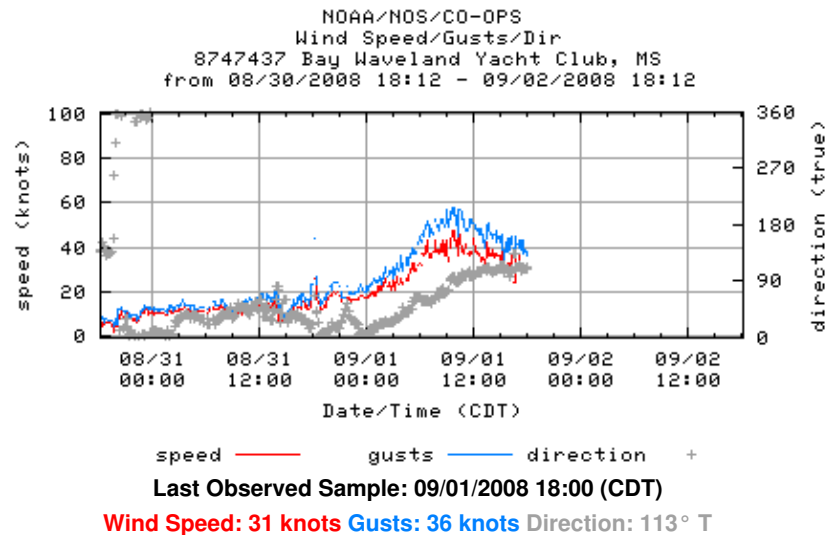
Relative to **MLLW**: **Observed: 6.67 ft. Predicted: 1.24 ft. Residual: 5.43 ft.**

Historical Maximum Water Level: 10/28/1985, 5.05 ft. above **MHHW**

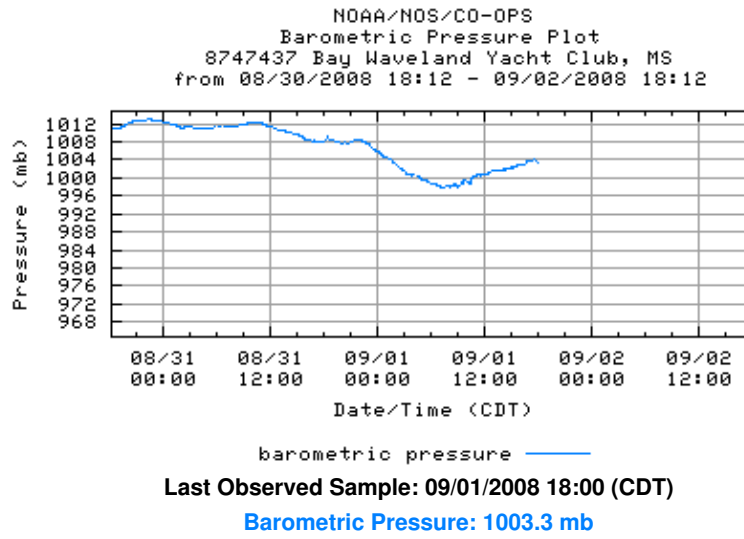
Bay Waveland Yacht Club, MS - Station Map [Return to List](#)



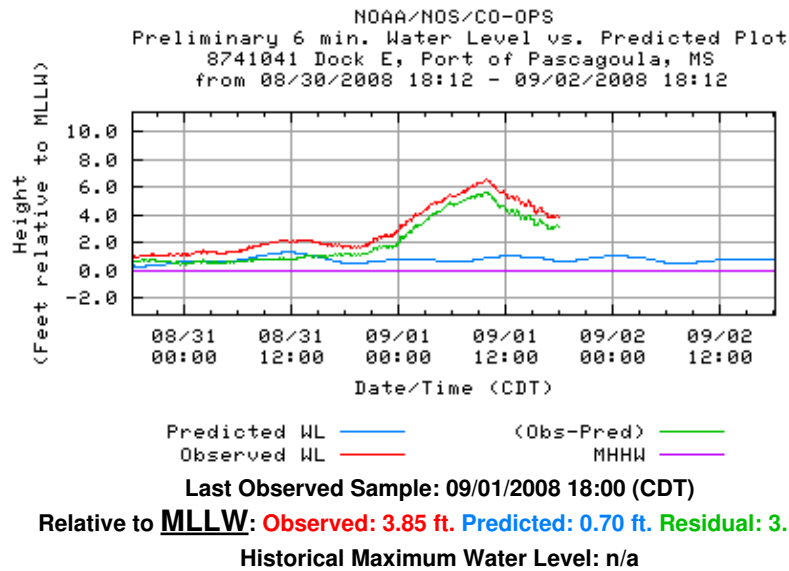
Bay Waveland Yacht Club, MS - Station Map [Return to List](#)



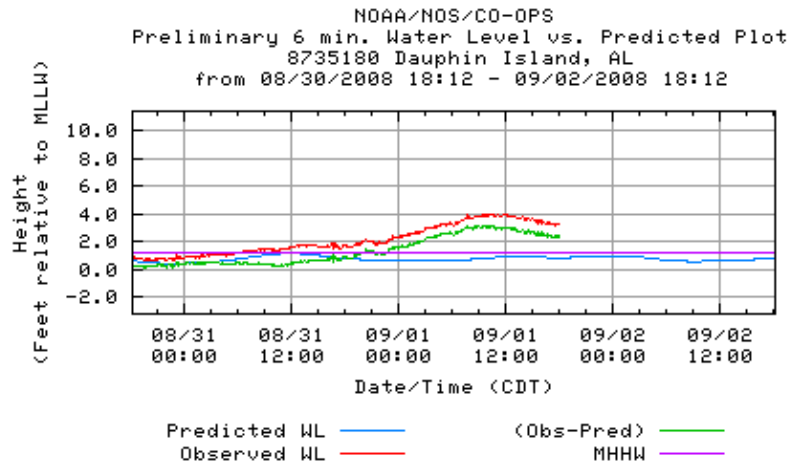
Bay Waveland Yacht Club, MS - Station Map [Return to List](#)



Dock E, Port of Pascagoula, MS - Station Map [Return to List](#)



Dauphin Island, AL - Station Map [Return to List](#)

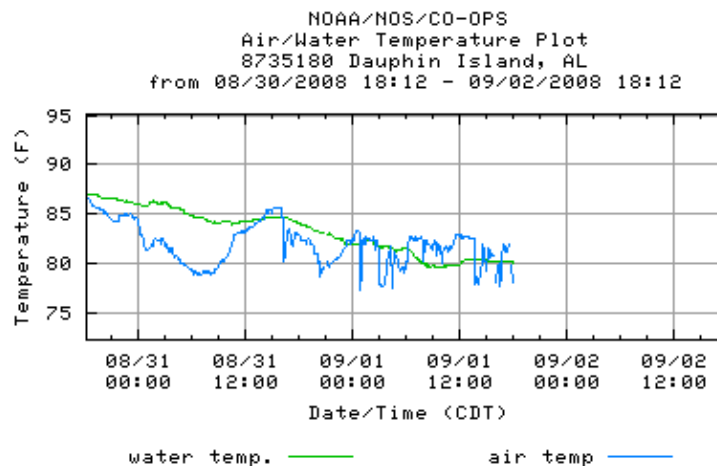


Last Observed Sample: 09/01/2008 18:00 (CDT)

Relative to **MLLW**: **Observed: 3.23 ft. Predicted: 0.86 ft. Residual: 2.37 ft.**

Historical Maximum Water Level: 09/02/1985, 3.36 ft. above **MHHW**

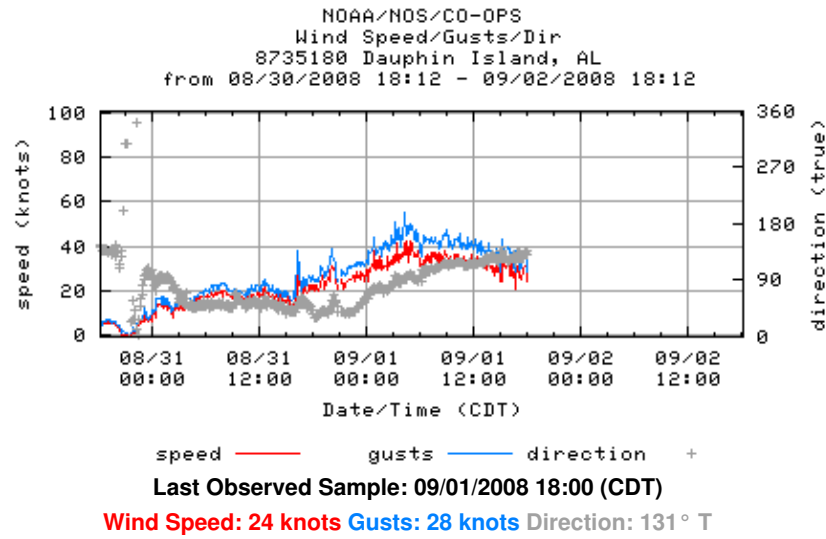
Dauphin Island, AL - Station Map [Return to List](#)



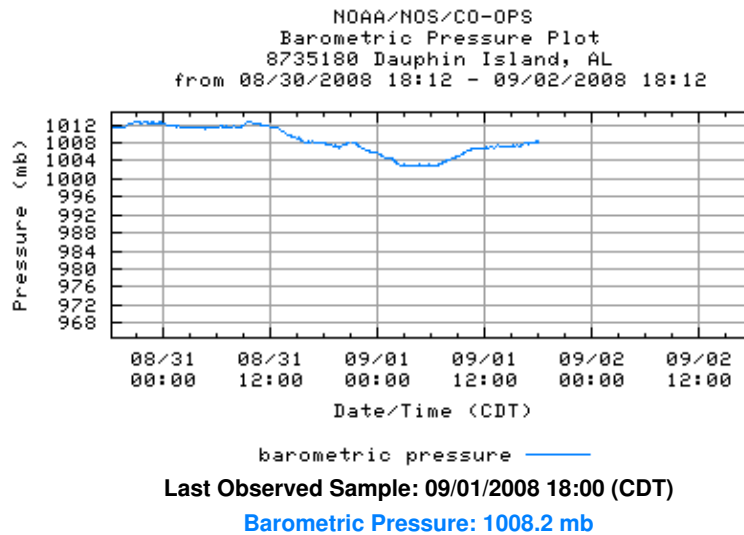
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Water Temperature: 79.9° F Air Temperature: 78.1° F

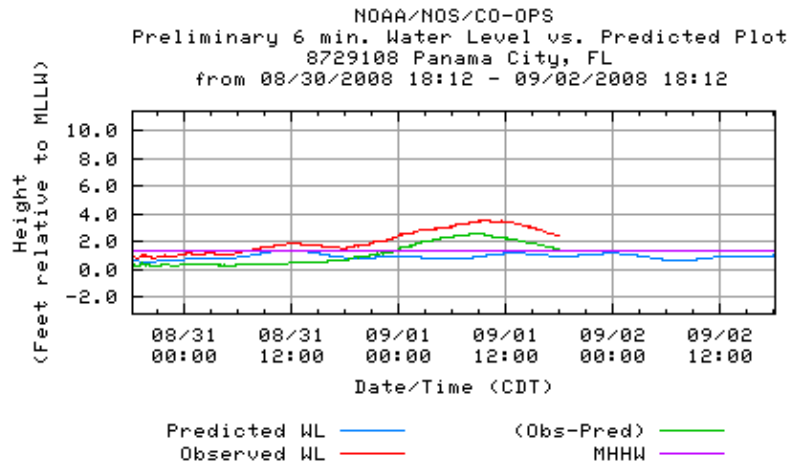
Dauphin Island, AL - Station Map [Return to List](#)



Dauphin Island, AL - Station Map [Return to List](#)



Panama City, FL - Station Map [Return to List](#)

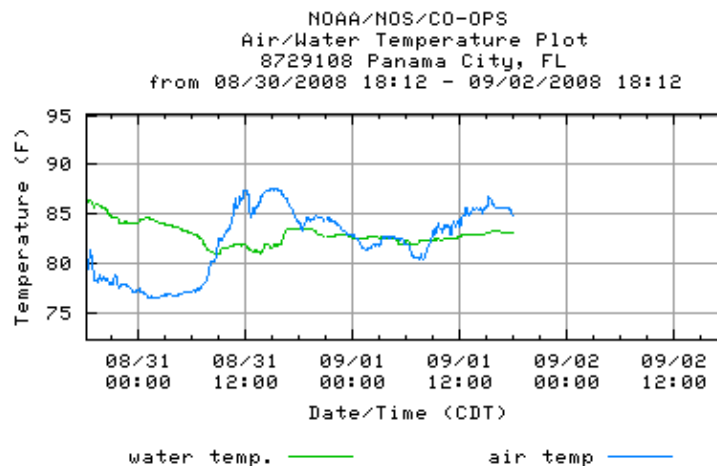


Last Observed Sample: 09/01/2008 18:00 (CDT)

Relative to **MLLW**: **Observed: 2.43 ft. Predicted: 0.98 ft. Residual: 1.45 ft.**

Historical Maximum Water Level: 10/04/1995, 5.72 ft. above **MHHW**

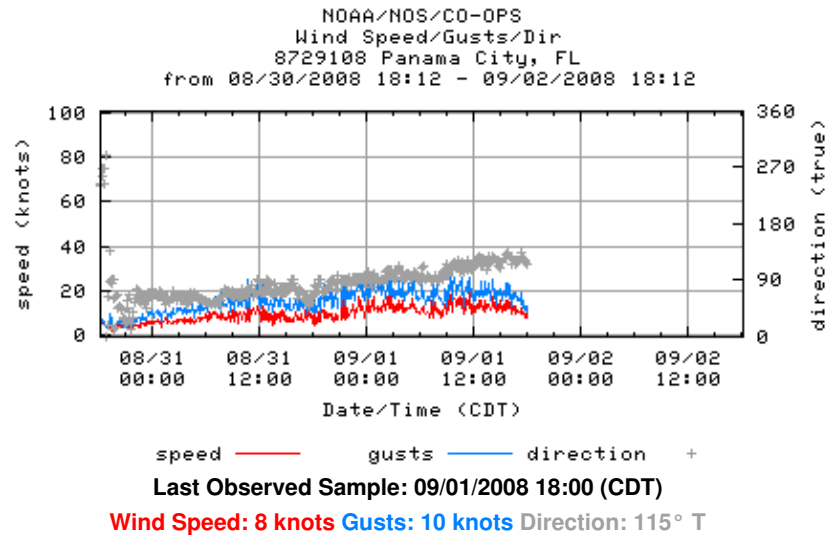
Panama City, FL - Station Map [Return to List](#)



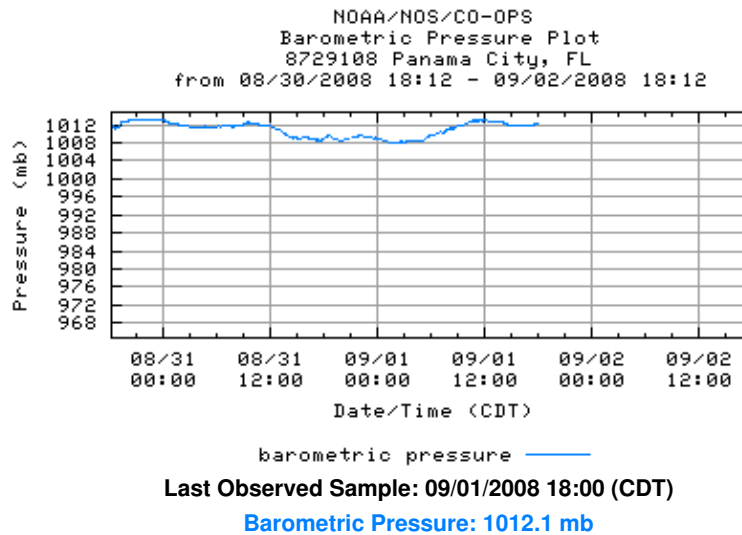
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Water Temperature: 83.1° F Air Temperature: 84.9° F

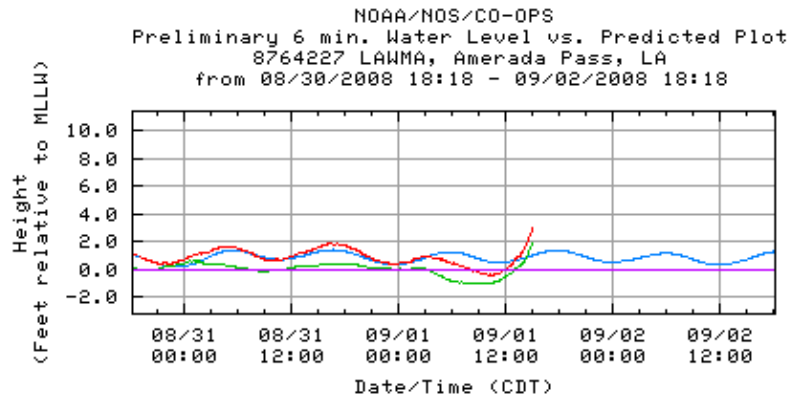
Panama City, FL - Station Map [Return to List](#)



Panama City, FL - Station Map [Return to List](#)

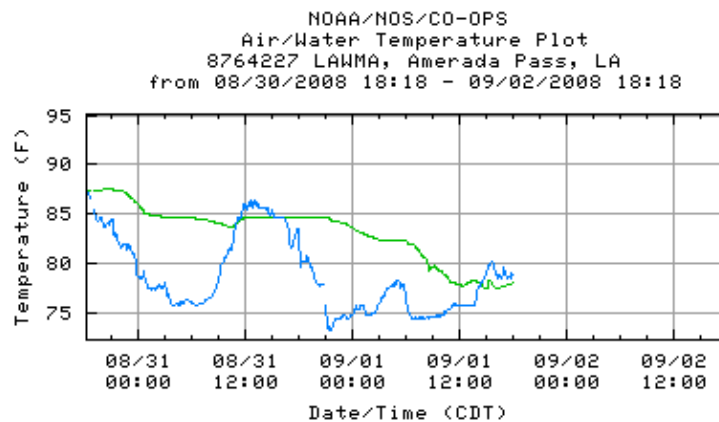


LAWMA, Amerada Pass, LA - Station Map [Return to List](#)



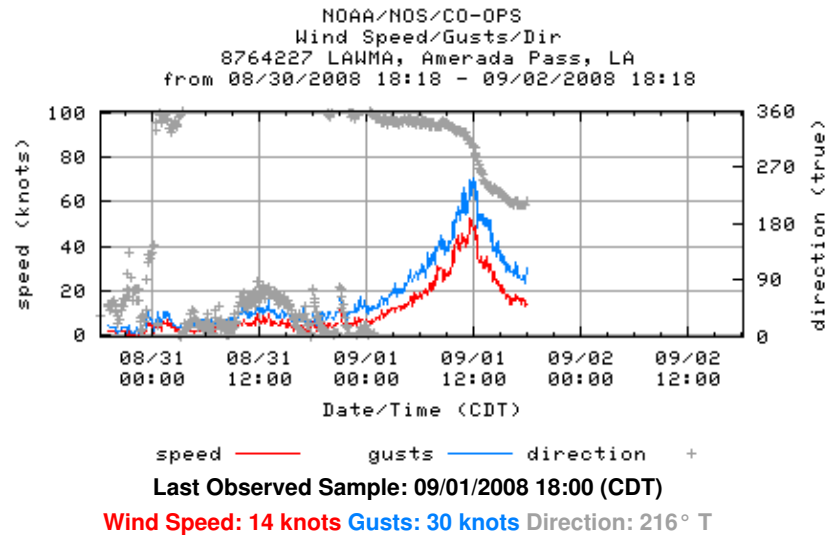
Last Observed Sample: 09/01/2008 15:06 (CDT)
Relative to **MLLW**: **Observed: 3.00 ft. Predicted: 1.03 ft. Residual: 1.97 ft.**
Historical Maximum Water Level: n/a

LAWMA, Amerada Pass, LA - Station Map [Return to List](#)

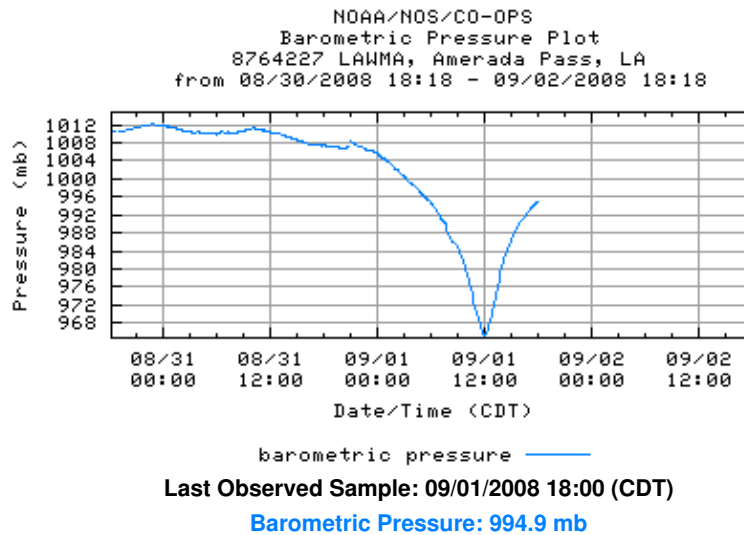


Last Observed Sample: 09/01/2008 18:00 (CDT)
Water Temperature: 78.1° F Air Temperature: 78.8° F

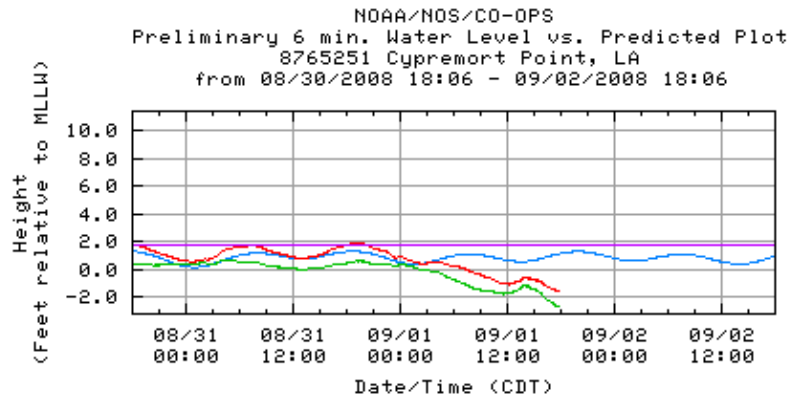
LAWMA, Amerada Pass, LA - Station Map [Return to List](#)



LAWMA, Amerada Pass, LA - Station Map [Return to List](#)



Cypremort Point, LA - Station Map [Return to List](#)

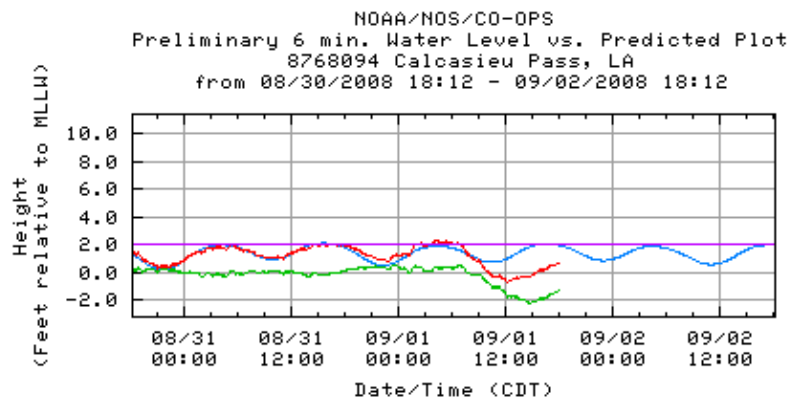


Last Observed Sample: 09/01/2008 17:48 (CDT)

Relative to **MLLW**: **Observed: -1.55 ft. Predicted: 1.14 ft. Residual: -2.69 ft.**

Historical Maximum Water Level: n/a

Calcasieu Pass, LA - Station Map [Return to List](#)

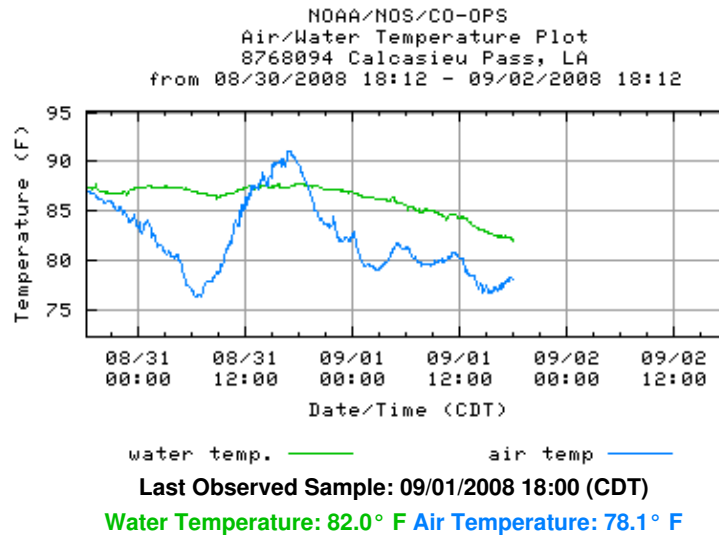


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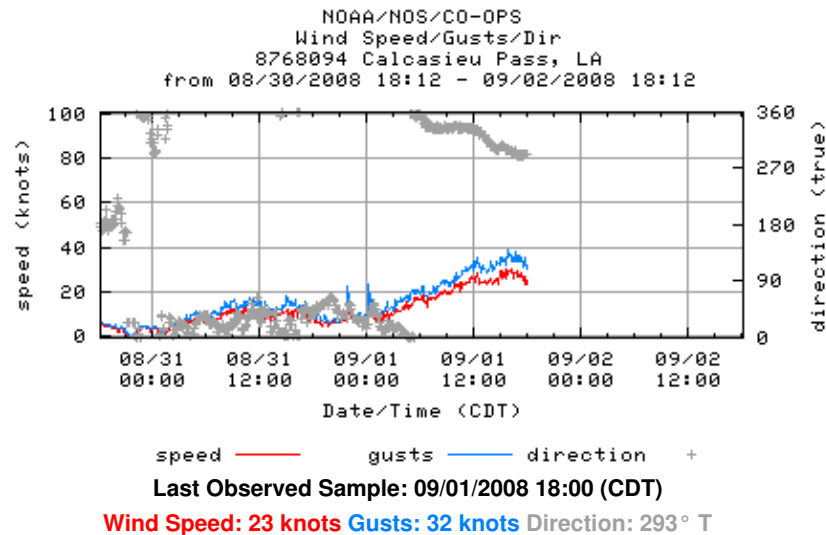
Relative to **MLLW**: **Observed: 0.70 ft. Predicted: 1.98 ft. Residual: -1.28 ft.**

Historical Maximum Water Level: n/a

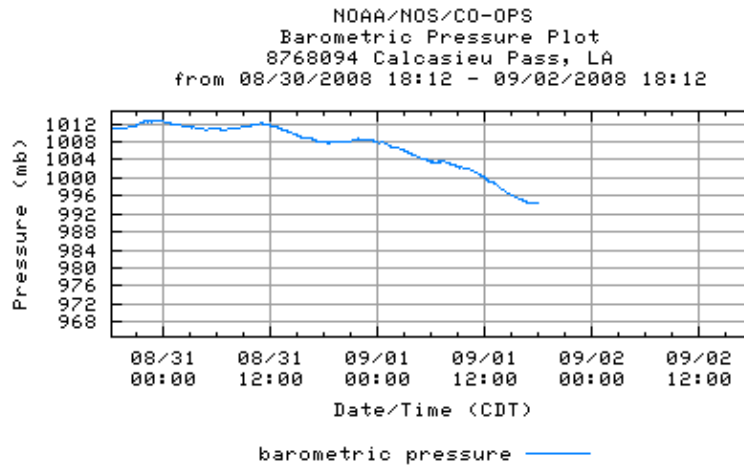
Calcasieu Pass, LA - Station Map [Return to List](#)



Calcasieu Pass, LA - Station Map [Return to List](#)



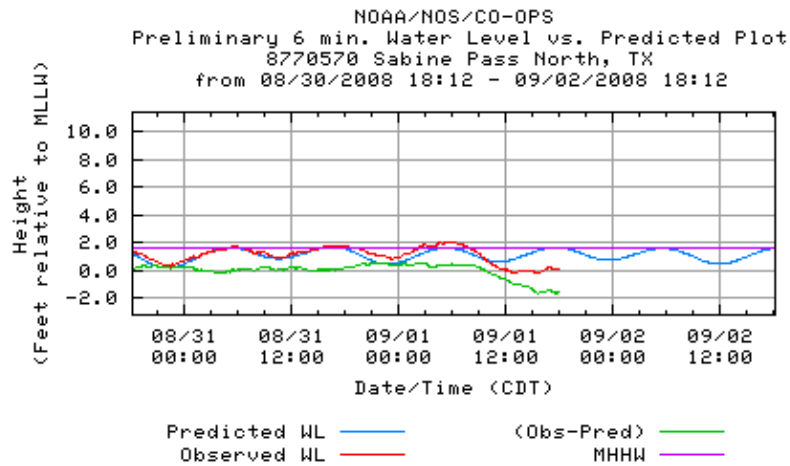
Calcasieu Pass, LA - Station Map [Return to List](#)



Last Observed Sample: 09/01/2008 18:00 (CDT)

Barometric Pressure: 994.4 mb

Sabine Pass North, TX - Station Map [Return to List](#)

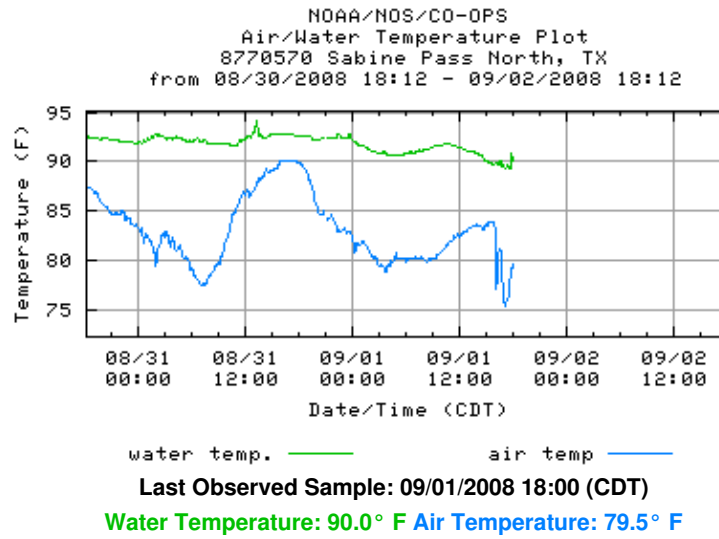


Last Observed Sample: 09/01/2008 18:00 (CDT)

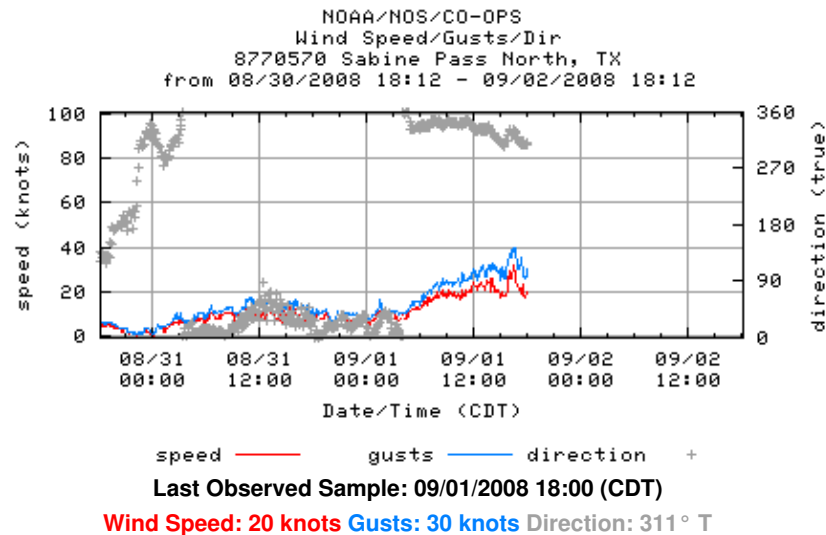
Relative to **MLLW**: Observed: 0.11 ft. Predicted: 1.67 ft. Residual: -1.56 ft.

Historical Maximum Water Level: 09/11/1998, 3.32 ft. above **MHHW**

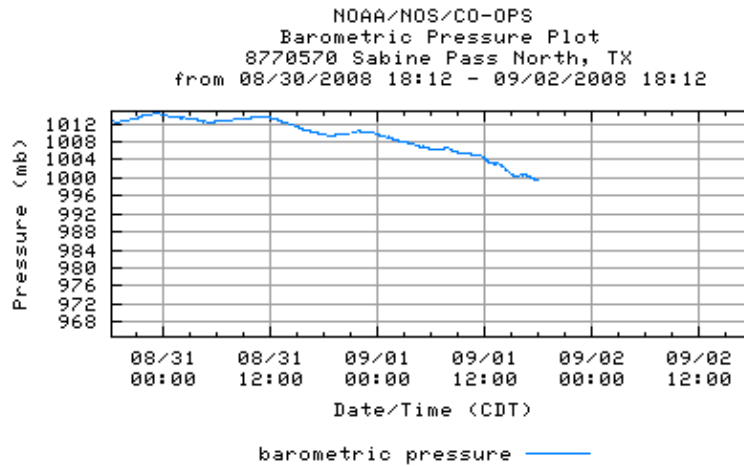
Sabine Pass North, TX - Station Map [Return to List](#)



Sabine Pass North, TX - Station Map [Return to List](#)



Sabine Pass North, TX - Station Map [Return to List](#)



Last Observed Sample: 09/01/2008 18:00 (CDT)

Barometric Pressure: 999.6 mb

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce